

AGRICULTURAL NEWS: Drought conditions continue to have farmers concerned as little to no rainfall was reported in the State this week. Days suitable for fieldwork averaged 5.9 out of a possible six days. Farming activities reported this week were tobacco cutting, corn harvesting, and some late hay baling. **Topsoil moisture** as of Friday, September 3 was rated 68 percent very short, 26 percent short, and 6 percent adequate. **Subsoil moisture** was rated 71 percent very short, 25 percent short, and 4 percent adequate.

TOBACCO: Tobacco cutting continued at a fast pace with the warm, dry conditions pushing crop maturity. Tobacco is showing signs of suffering from the drought with some reports of field burn. Farmers expressed concern about the harvested tobacco drying too fast and not curing. Condition of the tobacco crop in the field was reported as 18 percent very poor, 32 percent poor, 32 percent fair, 16 percent good, and 2 percent excellent. As of Sunday, September 5, **burley tobacco** cut was 69 percent, compared to 60 percent last year, and 50 percent on average. **Dark tobacco** was 74 percent cut, as of Sunday, September 5, compared with 59 percent last year and 61 percent for the average. Tobacco showing some houseburn was reported by 18 percent of the reporters.

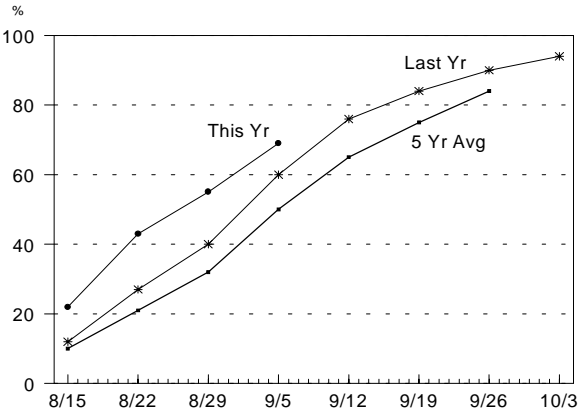
CORN: As of September 5, corn was 99 percent dented, compared to 87 percent a year earlier and the 86 percent average. About 36 percent of the corn acreage has been harvested, compared to 2 percent last year, and the five-

year average of 1 percent. Statewide corn yields are highly variable ranging from 50-170 bushels per acre. Condition of the corn crop was rated 5 percent very poor, 17 percent poor, 32 percent fair, 38 percent good, and 8 percent excellent. Reports were received of corn being chopped instead of harvested for grain due to dry conditions, lack of cattle forage, and expected low prices.

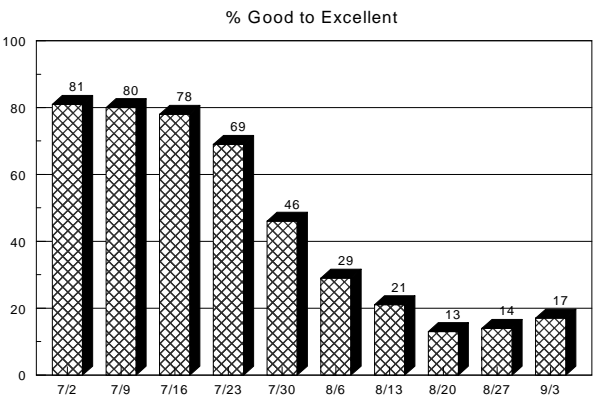
SOYBEANS: The soybean crop, which is in the critical pod filling stage, continued to suffer due to the dry conditions statewide. Early planted beans will have lower yields while late planted fields will produce limited beans. Reports of late soybeans being cut for hay are widespread. As of September 5, 43 percent of the beans were turning yellow compared to 20 percent last year and 18 percent on average. The soybean crop was rated 25 percent very poor, 28 percent poor, 30 percent fair, 16 percent good, and 1 percent excellent.

OTHER CROPS: **Pasture** conditions further declined this past week due to the lack of rain. Pastures as of September 3 were rated 47 percent very poor, 36 percent poor, 13 percent fair, and 4 percent good. Hay supplies continue to be fed to cattle to supplement the inadequate pastures. The **hay** crop was rated 46 percent very poor, 35 percent poor, 13 percent fair, 5 percent good, and 1 percent excellent. Continuing dry conditions will significantly limit the fall hay harvest, although a few reports of late hay cutting were received. Cattle producers continue to reduce the size of their herds as both livestock feed and water are in short supply in many areas.

BURLEY TOBACCO PERCENT CUT PROGRESS



SOYBEAN CONDITION



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 5, 1999
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Setting Pods	87	86	87	85	94
Turning Yellow	43	20	18	27	NA
Shedding Leaves	22	9	7	11	6
Corn					
Dent Stage	99	87	86	87	62
Mature	79	50	37	50	12
Harvested	36	2	1	18	NA
Burley Tobacco Cut	69	60	50	55	NA
Dark Tobacco Cut	74	59	61	67	NA

(NA) Data Not Available

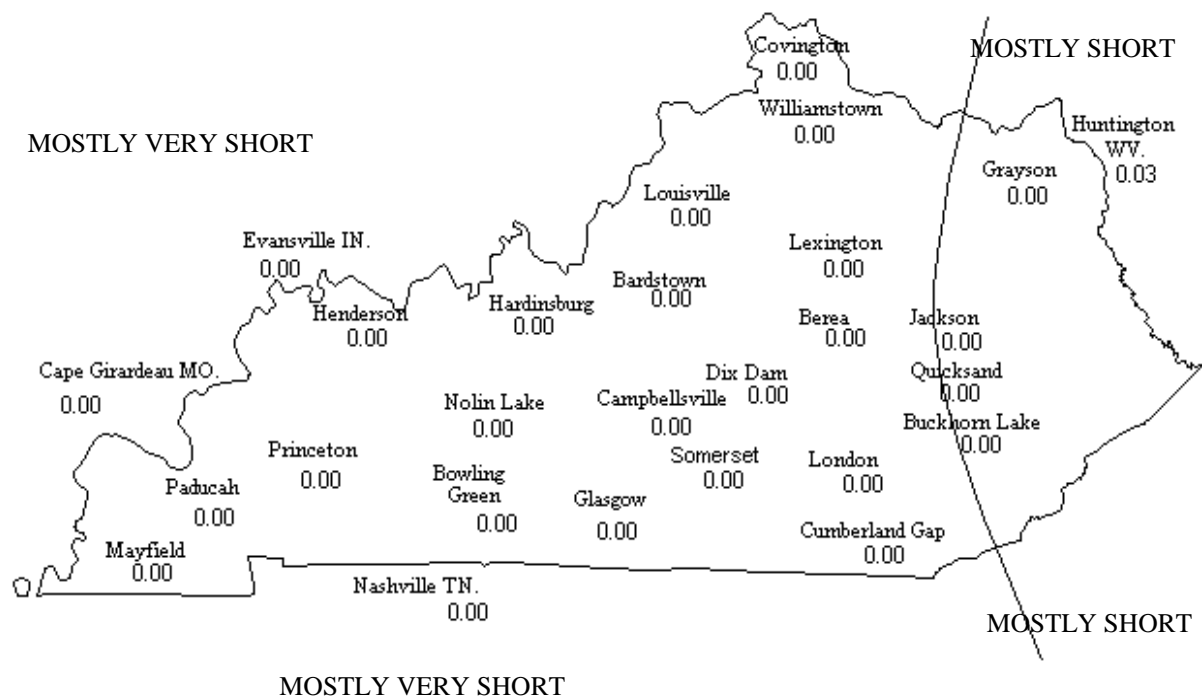
SOIL MOISTURE
WEEK ENDING SEPTEMBER 3, 1999
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	68	56
Short	26	32
Adequate	6	11
Surplus	0	1
SUBSOIL		
Very Short	71	65
Short	25	31
Adequate	4	4
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 3, 1999					WEEK ENDING AUGUST 27, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	5	17	32	38	8	7	18	40	30	5
Soybeans	25	28	30	16	1	21	33	32	12	2
Pasture	47	36	13	4	0	37	35	23	5	0
Hay Crops	46	35	13	5	1	32	36	23	8	1
Tobacco in Field	18	32	32	16	2	17	30	33	18	2

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 5, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 3, 1999



KENTUCKY WEATHER SUMMARY, AUGUST 30 - SEPTEMBER 5, 1999:

HOT and Dry Conditions Continued Across the Bluegrass State:

Cooler temperatures started out the workweek, but by Tuesday temperatures in the 90's returned to the State with many locations reporting high temperatures of 100 degrees or greater during the latter half of the workweek and weekend. Morning low temperatures were cooler than normal. The real story for last week was the total lack of rain and the continued deepening of the drought across the entire State. No Kentucky weather stations reported any rainfall last week. Temperatures for this past week averaged 75 degrees across the State which was 4 degrees ABOVE NORMAL and the same temperature for the previous week. High temperatures averaged from 94 in the West to 87 in the East. Departure from normal high temperatures ranged from 10 degrees ABOVE NORMAL in the West to 6 degrees ABOVE NORMAL in the East. Low temperatures averaged from 60 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 2 degrees BELOW NORMAL in the West to 3 degrees BELOW NORMAL in the East.

Statewide rainfall for the period totaled 0.00 inches statewide which was 0.81 inches BELOW NORMAL. Rainfall totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.00 inches, which was 0.81, 0.85, 0.80 and 0.80 inches respectively BELOW NORMAL. By station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 0.00 inches at Williamstown.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, SEPTEMBER 5, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr.1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.00	13.41	0.15	-8.06	-3.30	96	50	74.5	+3	149	3181	+209
Berea	0.00	14.73	1.72	-7.37	-1.91	95	52	73.4	+3	145	3150	+80
Bowling Green	0.00	11.28	0.02	-11.02	-3.20	100	56	78.1	+7	162	3431	+331
Bristol	0.28	16.62	1.17	-2.15	-1.73	94	47	69.8	-0	127	3017	+167
Buckhorn Lake	0.00	14.17	2.97	-6.94	-0.35	98	55	73.9	+4	153	3100	+408
Cape Girardeau	0.00	13.27	0.02	-7.44	-3.16	98	50	75.9	+3	152	3254	+0
Campbellsville	0.00	14.53	0.89	-10.27	-3.27	96	51	74.1	+3	146	3270	+230
Covington	0.00	13.29	1.15	-6.65	-1.82	95	52	72.5	+2	146	2988	+172
Cumberland Gap	0.00	15.25	2.55	-8.01	-1.18	95	51	71.4	+1	134	3145	+325
Dix Dam	0.00	13.00	0.78	-9.06	-2.68	100	53	75.0	+5	152	3128	+120
Evansville	0.00	17.09	0.03	-2.82	-2.77	97	53	75.7	+3	152	3173	+72
Glasgow	0.00	12.27	0.05	-11.93	-3.59	101	54	77.9	+7	158	3438	+428
Grayson	0.00	17.31	4.18	-3.49	+0.94	93	50	72.1	+2	144	3151	+489
Hardinsburg	0.00	16.36	0.01	-5.77	-3.40	98	54	76.6	+6	157	3211	+106
Henderson	0.00	17.17	0.00	-3.27	-2.93	98	50	76.1	+3	152	3293	+162
Huntington	0.03	13.32	4.95	-7.58	+1.56	89	50	69.6	-1	132	3120	+274
Jackson	0.00	17.83	5.31	-4.42	+1.75	89	55	71.0	+1	142	3130	+438
Lexington	0.00	12.07	0.72	-9.40	-2.73	95	54	73.9	+4	149	3149	+298
London	0.00	14.80	2.52	-5.65	-0.52	93	51	71.4	+1	136	3118	+303
Louisville	0.00	17.50	0.08	-3.39	-3.07	98	54	76.6	+6	160	3268	+136
Mayfield	0.00	17.24	0.12	-5.17	-3.38	99	55	77.3	+4	159	3327	+161
Nashville	0.00	16.91	3.02	-3.91	-0.12	99	57	78.4	+7	172	3581	+256
Nolin Lake	0.00	15.21	0.29	-8.22	-3.20	102	55	76.6	+6	158	3334	+453
Paducah	0.00	19.67	0.00	-2.48	-3.09	100	51	77.7	+5	162	3359	+136
Princeton	0.00	19.32	0.72	-3.14	-2.81	102	52	79.4	+6	164	3478	+281
Quicksand	0.00	18.84	4.93	-3.41	+1.37	90	47	69.6	-1	133	3051	+359
Somerset	0.00	20.63	2.32	-2.51	-1.26	94	51	71.6	+1	138	3126	+215
Spindletop	0.00	9.42	0.60	-12.05	-2.85	94	53	73.0	+3	144	3111	+260
Williamstown	0.00	10.68	1.06	-10.44	-2.24	95	53	74.6	+4	154	3185	+334

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

CROP PROGRESS PERCENT FOR WEEK ENDING AUGUST 29, 1999

CORN DENTED

State	Curr	Last Wk	1998	Avg
CO	16	12	27	27
GA	100	99	100	100
IL	75	56	60	48
IN	74	60	55	40
IA	64	38	64	41
KS	73	49	76	65
KY	87	72	80	76
MI	47	24	54	22
MN	56	23	71	35
MO	86	70	83	73
NE	52	27	67	45
NC	84	70	79	87
OH	62	45	38	28
PA	43	25	27	27
SD	31	*23	47	32
TX	80	70	96	90
WI	42	22	45	25
17 States	62	41	62	44

These 17 States planted 90% of last year's corn acreage.

*Revised.

SOYBEAN SETTING PODS

State	Curr	Last Wk	1998	Avg
AL	71	63	78	75
AR	88	78	80	80
GA	78	71	79	83
IL	95	92	90	92
IN	99	97	95	93
IA	100	100	100	99
KS	87	75	98	90
KY	85	74	75	74
LA	99	98	99	97
MI	100	97	100	94
MN	99	98	99	98
MS	100	100	98	93
MO	85	74	87	84
NE	99	92	99	97
NC	65	55	70	68
OH	100	100	99	95
SC	49	40	58	66
SD	95	89	96	96
TN	87	77	78	74
19 States	94	90	93	92

These 19 States planted 93% of last year's soybean acreage.

CROP CONDITION FOR WEEK ENDING AUGUST 29, 1999

CORN

State	VP	P	F	G	EX
CO	1	3	10	58	28
GA	13	18	31	33	5
IL	4	13	43	35	5
IN	7	18	41	31	3
IA	2	6	22	48	22
KS	1	5	34	53	7
KY	7	18	40	30	5
MI	3	8	21	48	20
MN	1	8	28	50	13
MO	19	21	34	23	3
NE	2	6	21	51	20
NC	3	10	45	36	6
OH	9	18	36	32	5
PA	22	25	33	18	2
SD	1	10	26	47	16
TX	0	3	21	54	22
WI	0	3	11	48	38
17 States	4	10	29	43	14
Prev Week	4	10	28	43	15
Prev Year	2	7	22	50	19

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

SOYBEANS

State	VP	P	F	G	EX
AL	29	30	21	18	2
AR	7	16	32	33	12
GA	20	24	38	17	1
IL	2	9	38	43	8
IN	7	19	43	29	2
IA	3	6	21	49	21
KS	2	16	41	38	3
KY	21	33	32	12	2
LA	4	26	39	26	5
MI	4	8	26	48	14
MN	2	10	30	48	10
MS	8	19	27	35	11
MO	21	25	37	16	1
NE	2	9	29	44	16
NC	3	12	29	49	7
OH	7	14	38	35	6
SC	14	33	40	13	0
SD	2	11	31	43	13
TN	28	32	25	15	0
19 States	6	14	33	37	10
Prev Week	6	14	32	38	10
Prev Year	3	8	24	47	18

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent